



2 500 - Combined Electrical and ELV - Loft (Old Quad) - Old Quad 1:100



Pembroke College, Oxford job no. project leader scale at A0 J7411 TB 1:100

project name **Pembroke College** 

drawing title **Electrical** 

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Third Floor/Loft project code orig. volume level type role number J7411 - MXF - ZZ - 03 - DR - E - 00100

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GENERAL NOTES\_\_\_ Do not scale from this drawing. Print this drawing in colour.

This drawing is to be read in conjunction with all other MXF documents (drawings, schedules and specification) along with other

All electrical works are to be designed, installed and tested to BS 7671: 2018 (18th

zones regardless of mechanical protection

incorporate arc fault detection circuit devices, due to assumed lack of space in existing distribution board positions for additional

compartmentation lines, as defined by a fire specialist, suitable firestopping is to be installed to comply with the fire strategy.

Existing electrical equipment that is to be removed is shown in grey. Proposed electrical equipment can be found in black.

Guide to the Wiring regulations" to ensure electrical installation is in accordance with BS 7671:2018 (including recent amendments).

Edition of the Wiring Regulations). 6. All final circuits are to be run within safe

design team documentation. This drawing shows primary containment

PROJECT SPECIFIC NOTES

1. Consumer units shown in spaces to

Where service routes cross fire

4. For electrical connections refer to "On Site

5. For the general principles of final circuiting,

circuit devices.

## please see combined services drawings.

Cable routes from distribution boards to consumer units have been reviewed with photographic survey information for Stage 3. Validation of assumed existing and new service routes will require opening up works before final rotes are agreed at Stage 4.

Incoming LV Supply Extension of LV Submain ----- Proposed Cable tray

TA To Above TB To Below FA From Above FB From Below

Panelboard Distribution Board Consumer Unit

FP Feeder Pillar UPS Uninterruptible Power Supply